



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 8619

<b>SERIAL NUMBER</b> 10/044,638	<b>FILING DATE</b> 10/19/2001 <b>RULE</b>	<b>CLASS</b> 455	<b>GROUP ART UNIT</b> 2681	<b>ATTORNEY DOCKET NO.</b> TI-32986	
<b>APPLICANTS</b> David Patrick Magee, Plano, TX; Srinath Hosur, Plano, TX;					
<b>** CONTINUING DATA *****</b> <i>no</i>					
<b>** FOREIGN APPLICATIONS *****</b> <i>no</i>					
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 03/14/2002</b>					
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met Verified and Acknowledged <input checked="" type="checkbox"/> Allowance Examiner's Signature <i>[Signature]</i> Initials <i>[Initials]</i>		<b>STATE OR COUNTRY</b> TX	<b>SHEETS DRAWING</b> 7	<b>TOTAL CLAIMS</b> 32	<b>INDEPENDENT CLAIMS</b> 6
<b>ADDRESS</b> 23494					
<b>TITLE</b> Simplified noise estimation and/or beamforming for wireless communications					
<b>FILING FEE RECEIVED</b> 1208	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		